======= WPI =======

TI - Mould prodn. by electro-casting - by formation of core mould, non-electroplating, and electro-casting and oxidising

AB - J02225688 The formation of a core mould including embossed precise pattern on the surface, non-electro plating a first coating on the core surface, and dipping the plated core in an electrocasting bath before oxidn. of the non-electro plating takes place. Strong bonding of the electro cast metal on the non-electroplating is assured.
- USE - Prodn. of electrocast mould used for vacuum moulding, blow moulding, stamping etc. of plastics. (7pp Dwg.No.0/13)

PN - JP2225688 A 19900907 DW199042 000pp

PR - JP19890043514 19890225

PA - (KONA-N) KONAN TAKUSHU SANGY

MC - A11-B01 M11-D

DC - A32 M11

IC - C25D1/10

AN - 1990-316827 [42]

======= PAJ =======

TI - PRODUCTION OF ELECTROFORMED DIE

AB - PURPOSE:To produce an electroformed die having reverse ruggedness pattern of high transfer rate and excellent in wear resistance by forming an electroless plated layer on a mandrel surface having fine ruggedness pattern, further forming an electroformed layer on the above layer, and then removing the mandrel.
- CONSTITUTION:Epoxy resin, etc., are poured through an inlet 9b of a reinforcing member 9a onto an intermediate mold (not shown in fig.) formed by using a model (not shown in fig.), by which a mandrel 9 having crimp pattern 8 in the surface is formed. Subsequently, electroless plating is applied to the mandrel 9 surface to form a plated layer 10. This plated layer 10 is improved in hardness because a compound of a component of a reducing agent in a plating bath and a plating metal is precipitated, and further, a reverse crimp pattern 11 is formed. Before the surface of the plated layer 10 is oxidized or after the surface is roughened, electroforming is applied to the above surface to laminate and form an electroformed layer 12. Then, by peeling off the above-mentioned laminated layers from the mandrel 9, an electroformed mold 1 consisting of the plated layer 10 and the electroformed layer 12, improved in adhesive strength, and having the reverse-crimped ruggedness pattern 11 of high transfer rate and the surface part with high hardness and superior wear resistance can be obtained.

PN - JP2225688 A 19900907

PD - 1990-09-07

ABD - 19901128

ABV - 014539

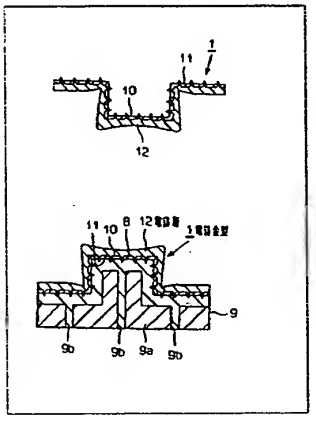
AP - JP19890043514 19890225

GR - C0782

PA - KONAN TOKUSHU SANGYO KK

IN - NODA TAIZO

I - C25D1/10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